

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	4458	"1,4-dichloro-2-butene" "1,4-dibromo-2-butene" "1,3-dichloro-2-propanol" "1,3-dibromo-2-propanol 2,3-dichloropropanol" "1,3-dichloropropanol" "1,3-dibromopropanol" "1,4-dichloro-2-butanol" "bis-2-chloroethyl ether" "bis-2-bromoethyl ether" "1,2-bis(2-chloroethoxy)ethane" "1,2-bis(2-bromoethoxy)ethane" "1,3-dichloroacetone" "1,3-dibromoacetone" dihaloalkane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/04 17:29
L13	464485	tetramethylaminoethane tetraethylaminoethane "tetramethyl-1,3-propanediamine" "tetraethyl-1,3-propanediamine" "tetramethyl-1,4-butane diamine" "tetraethyl-1,4-butanediamine" "tetramethyl-2-butene-1,4-diamine" "tetraethyl-2-butene-1,4-diamine" "1,3-bis(dimethylamino)-2-propanol" "1,3-bis(diethylamino)-2-propanol" "tetramethyl-1,3-diaminobutane" "tetraethyl-1,3-diaminobutane" "1,3-di(4-pyridyl)propane" "4,4'-bipyridyl" "2,2'-bipyridyl" "1,4-diazabicyclo[2,2,2]octane" dimethylpiperazine "dimethyl-1,3-di(4-piperidyl)propane" pyrazine "pyrazine amide" "4-(N,N'-dimethylamino)pyridine" "tetramethyl-1,5-pentanediamine" "tetraethyl-1,5-pentanediamine" "tetramethyl-1,6-hexanediamine" "tetraethyl-1,6-hexanediamine" diamine diaminobutane or dimethylamino pyridyl piperazine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/04 17:29
L14	21177	polyelectrolyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/04 17:29
L15	3	(L12 and L13 and L14).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/04 17:29
L16	0	(L12 and L13 and L14).clm. and 252/500.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/04 17:38

L17	0	(L12 and L13 and L14).clm. and 338/35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/04 17:38
L19	0	(L12 and L13 and L14).clm. and 521/25.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/04 17:57
S1	21847	humidity near2 sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/02 17:05
S2	110	humidity near2 sensor and polyelectrolyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/02 17:06
S3	1	10/567976.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/03 10:52
S4	40006	tetramethylaminoethane tetraethylaminoethane "tetramethyl-1,3-propanediamine" "tetraethyl-1,3-propanediamine" "tetramethyl-1,4-butane diamine" "tetraethyl-1,4-butanediariine" "tetramethyl-2-butene-1,4-diamine" "tetraethyl-2-butene-1,4-diamine" "1,3-bis(dimethylamino)-2-propanol" "1,3-bis(diethylamino)-2-propanol" "tetramethyl-1,3-diaminobutane" "tetraethyl-1,3-diaminobutane" "1,3-di(4-pyridyl) propane" "4,4'-bipyridyl" "2,2'-bipyridyl" "1,4-diazabicyclo[2,2,2] octane" dimethylpiperazine "dimethyl-1,3-di(4-piperidyl) propane" pyrazine, "pyrazine amide" "4-(N,N'-dimethylamino) pyridine" "tetramethyl-1,5-pentanediamine" "tetraethyl-1,5-pentanediamine" "tetramethyl-1,6-hexanediamine" "tetraethyl-1,6-hexanediamine"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/03 11:47
S5	45567	tetramethylaminoethane tetraethylaminoethane "tetramethyl-1,3-propanediamine" "tetraethyl-1,3-propanediamine" "tetramethyl-1,4-butane diamine" "tetraethyl-1,4-butanediariine" "tetramethyl-2-butene-1,4-diamine" "tetraethyl-2-butene-1,4-diamine" "1,3-bis(dimethylamino)-2-propanol" "1,3-bis(diethylamino)-2-propanol" "tetramethyl-1,3-diaminobutane" "tetraethyl-1,3-diaminobutane" "1,3-di(4-pyridyl) propane" "4,4'-bipyridyl" "2,2'-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/03 12:02

		bipyridyl" "1,4-diazabicyclo[2,2,2]octane" dimethylpiperazine "dimethyl-1,3-di(4-piperidyl)propane" pyrazine "pyrazine amide" "4-(N,N'-dimethylamino)pyridine" "tetramethyl-1,5-pentanediamine" "tetraethyl-1,5-pentanediamine" "tetramethyl-1,6-hexanediamine" "tetraethyl-1,6-hexanediamine"				
S6	443412	tetramethylaminoethane tetraethylaminoethane "tetramethyl-1,3-propanediamine" "tetraethyl-1,3-propanediamine" "tetramethyl-1,4-butanediamine" "tetraethyl-1,4-butanediamine" "tetramethyl-2-butene-1,4-diamine" "tetraethyl-2-butene-1,4-diamine" "1,3-bis(dimethylamino)-2-propanol" "1,3-bis(diethylamino)-2-propanol" "tetramethyl-1,3-diaminobutane" "tetraethyl-1,3-diaminobutane" "1,3-di(4-pyridyl)propane" "4,4'-bipyridyl" "2,2'-bipyridyl" "1,4-diazabicyclo[2,2,2]octane" dimethylpiperazine "dimethyl-1,3-di(4-piperidyl)propane" pyrazine "pyrazine amide" "4-(N,N'-dimethylamino)pyridine" "tetramethyl-1,5-pentanediamine" "tetraethyl-1,5-pentanediamine" "tetramethyl-1,6-hexanediamine" "tetraethyl-1,6-hexanediamine" diamine diaminobutane or dimethylamino pyridyl piperazine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/03 12:05
S7	2514	"1,4-dichloro-2-butene" "1,4-dibromo-2-butene" "1,3-dichloro-2-propanol" "1,3-dibromo-2-propanol 2,3-dichloropropanol" "1,3-dichloropropanol" "1,3-dibromopropanol" "1,4-dichloro-2-butanol" "bis-2-chloroethyl ether" "bis-2-bromoethyl ether" "1,2-bis(2-chloroethoxy)ethane" "1,2-bis(2-bromoethoxy)ethane" "1,3-dichloroacetone" "1,3-dibromoacetone"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/03 12:09
S8	149	S6 with S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/03 12:09
S9	555727	crosslink\$4 or cross-link\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/03 13:28

S10	16	S6 with S7 with S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/03 13:29
S11	49	S6 with S7 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/03 13:29
S12	214325	diamine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/03 14:04
S13	1825	dihaloalkane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/03 14:05
S14	83	(S6 or S12) with (S7 or S13) and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/03 14:05
S15	19952	polyelectrolyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/03 14:34
S16	167	polyelectrolyte with (S6 or S12)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/03 14:34
S17	17	polyelectrolyte with (S7 or S13)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/03 17:21
S18	2	("7186358").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/03 17:33
S19	2	10/615492.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/08 11:14
S20	7	"6328874"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/08 11:37
S21	1	12/149557.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/08 11:53
S22	1	12/149557.app. and element	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/08 12:11

S23	1	12/149557.app. and several	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/08 12:39
S26	4	humidity near2 sensor and (polyelectrolyte with ink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 12:07
S27	33	humidity and (polyelectrolyte with ink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 12:36
S28	45	chung-kwang-choon.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 12:39
S29	20	gong-myoungh-seon.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 13:12
S30	5	shim-joon.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 13:44
S31	21	shim-joon-\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 13:44
S32	134	humidity with polyelectrolyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 14:03
S33	14121	moisture near2 sensitive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 17:55
S34	20013	polyelectrolyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 17:55
S35	99	S33 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 17:55
S36	531	338/35.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 17:57
S37	214828	diamine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 17:58

S38	9	S36 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 17:58
S39	13	S36 and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 17:58
S40	17	S36 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 18:02
S41	473316	crosslink\$4 or ("cross-linking" or "cross-linker")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 19:09
S42	33	S36 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 19:09
S43	2	("20030056571").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/18 15:58
S44	4	((("5546802") or ("6568265"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/18 17:38
S45	62	humidity near2 sensor same inkjet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 12:09
S46	243	humidity near2 sensor same ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 12:11
S47	668043	ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 12:16
S48	531	338/35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 12:16
S49	13	S47 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 12:16
S50	123164	inkjet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 12:18

S51	0	S50 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 12:18
S52	21948	humidity near2 sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 12:19
S53	20013	polyelectrolyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 12:19
S54	14121	moisture near2 sensitive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 12:19
S55	3	S53 same S47 same S50 same (S52 or S54)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 12:19
S56	3	S53 same S50 same (S52 or S54)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 12:20
S57	3	S53 same S47 same (S52 or S54)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 12:20
S58	193833	(humidity near2 (sensor or element or measuring or responsive or device)) or hygrometer or (moisture near2 (content or sensitive))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 15:38
S59	444586	tetramethylaminoethane tetraethylaminoethane "tetramethyl-1,3-propanediamine" "tetraethyl-1,3-propanediamine" "tetramethyl-1,4-butane diamine" "tetraethyl-1,4-butanediamine" "tetramethyl-2-butene-1,4- diamine" "tetraethyl-2-butene-1,4- diamine" "1,3-bis(dimethylamino)- 2-propanol" "1,3-bis(diethylamino)- 2-propanol" "tetramethyl-1,3- diaminobutane" "tetraethyl-1,3- diaminobutane" "1,3-di(4-pyridyl) propane" "4,4'-bipyridyl" "2,2'- bipyridyl" "1,4-diazabicyclo[2,2,2] octane" dimethylpiperazine "dimethyl-1,3-di(4-piperidyl) propane" pyrazine "pyrazine amide" "4-(N,N'-dimethylamino) pyridine" "tetramethyl-1,5- pentanediamine" "tetraethyl-1,5- pentanediamine" "tetramethyl-1,6- hexanediamine" "tetraethyl-1,6- hexanediamine" diamine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 15:39

		diaminobutane or dimethylamino pyridyl piperazine				
S60	10756	S58 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 15:39
S61	2519	"1,4-dichloro-2-butene" "1,4-dibromo-2-butene" "1,3-dichloro-2-propanol" "1,3-dibromo-2-propanol 2,3-dichloropropanol" "1,3-dichloropropanol" "1,3-dibromopropanol" "1,4-dichloro-2-butanol" "bis-2-chloroethyl ether" "bis-2-bromoethyl ether" "1,2-bis (2-chloroethoxy)ethane" "1,2-bis (2-bromoethoxy)ethane" "1,3-dichloroacetone" "1,3-dibromoacetone"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 15:39
S62	28019	S58 and S59 adn S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 15:39
S63	50	S58 and S59 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 15:39
S64	594	S58 and S59 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 16:48
S65	221	S58 and S59 and S50 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 16:48
S66	21145	polyelectrolyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/27 17:44
S67	201628	(humidity near2 (sensor or element or measuring or responsive or device)) or hygrometer or (moisture near2 (content or sensitive))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/27 17:44
S68	14	(S66 and S67).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/27 17:44
S69	531	338/35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/27 17:53
S70	17	S66 and S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/27 17:53



S71	4452	"1,4-dichloro-2-butene" "1,4-dibromo-2-butene" "1,3-dichloro-2-propanol" "1,3-dibromo-2-propanol" "2,3-dichloropropanol" "1,3-dichloropropanol" "1,3-dibromopropanol" "1,4-dichloro-2-butanol" "bis-2-chloroethyl ether" "bis-2-bromoethyl ether" "1,2-bis(2-chloroethoxy)ethane" "1,2-bis(2-bromoethoxy)ethane" "1,3-dichloroacetone" "1,3-dibromoacetone" dihaloalkane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/28 09:31
S72	622	73/29.01.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/28 09:33
S73	531	338/35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/28 09:34
S74	463828	tetramethylaminoethane tetraethylaminoethane "tetramethyl-1,3-propanediamine" "tetraethyl-1,3-propanediamine" "tetramethyl-1,4-butane diamine" "tetraethyl-1,4-butanediamine" "tetramethyl-2-butene-1,4-diamine" "tetraethyl-2-butene-1,4-diamine" "1,3-bis(dimethylamino)-2-propanol" "1,3-bis(diethylamino)-2-propanol" "tetramethyl-1,3-diaminobutane" "tetraethyl-1,3-diaminobutane" "1,3-di(4-pyridyl)propane" "4,4'-bipyridyl" "2,2'-bipyridyl" "1,4-diazabicyclo[2,2,2]octane" dimethylpiperazine "dimethyl-1,3-di(4-piperidyl)propane" pyrazine "pyrazine amide" "4-(N,N'-dimethylamino)pyridine" "tetramethyl-1,5-pentanediamine" "tetraethyl-1,5-pentanediamine" "tetramethyl-1,6-hexanediamine" "tetraethyl-1,6-hexanediamine" diamine diaminobutane or dimethylamino pyridyl piperazine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/28 09:34
S75	1	S74 and S71 and (S73 or S72)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/28 09:34
S76	21145	polyelectrolyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/28 09:35
S77	66	S71 and S74 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/28 09:35

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	2496	"1,4-dichloro-2-butene" "1,4-dibromo-2-butene" "1,3-dichloro-2-propanol" "1,3-dibromo-2-propanol" "2,3-dichloropropanol" "1,3-dichloropropanol" "1,3-dibromopropanol" "1,4-dichloro-2-butanol" "bis-2-chloroethyl ether" "bis-2-bromoethyl ether" "1,2-bis(2-chloroethoxy)ethane" "1,2-bis(2-bromoethoxy)ethane" "1,3-dichloroacetone" "1,3-dibromoacetone" dihaloalkane	USPAT; UPAD	OR	ON	2010/05/04 18:02
L21	183956	tetramethylaminoethane tetraethylaminoethane "tetramethyl-1,3-propanediamine" "tetraethyl-1,3-propanediamine" "tetramethyl-1,4-butane diamine" "tetraethyl-1,4-butanediamine" "tetramethyl-2-butene-1,4-diamine" "tetraethyl-2-butene-1,4-diamine" "1,3-bis(dimethylamino)-2-propanol" "1,3-bis(diethylamino)-2-propanol" "tetramethyl-1,3-diaminobutane" "tetraethyl-1,3-diaminobutane" "1,3-di(4-pyridyl)propane" "4,4'-bipyridyl" "2,2'-bipyridyl" "1,4-diazabicyclo[2,2,2]octane" dimethylpiperazine "dimethyl-1,3-di(4-piperidyl)propane" pyrazine "pyrazine amide" "4-(N,N'-dimethylamino)pyridine" "tetramethyl-1,5-pentanediamine" "tetraethyl-1,5-pentanediamine" "tetramethyl-1,6-hexanediamine" "tetraethyl-1,6-hexanediamine" diamine diaminobutane or dimethylamino pyridyl piperazine	USPAT; UPAD	OR	ON	2010/05/04 18:02
L22	8220	polyelectrolyte	USPAT; UPAD	OR	ON	2010/05/04 18:02
L23	0	(I20 and I21 and I22).clm.	USPAT; UPAD	OR	ON	2010/05/04 18:03
L25	0	(I20 and I21 and I22).clm. and 252/500.ccls.	USPAT; UPAD	OR	ON	2010/05/04 18:03
L26	0	(I20 and I21 and I22).clm. and 338/35.ccls.	USPAT; UPAD	OR	ON	2010/05/04 18:03
L27	0	(I20 and I21 and I22).clm. and 521/25.ccls.	USPAT; UPAD	OR	ON	2010/05/04 18:03

5/ 4/ 2010 6:03:55 PM

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